

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3808	nano\$7 and (self\$align\$3 or (self adj2 align\$3) or selfassemb\$4 or (self adj2 assemb\$4)) and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 15:19
L3	2734	2 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 14:17
L4	97	3 and gibb\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 14:17
L5	30	4 and (@ad<"20021202" and @rlad<"20021202")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 14:17
L6	37	(nano\$7 and (self\$align\$3 or (self adj2 align\$3) or selfassemb\$4 or (self adj2 assemb\$4)) and matrix).cml.	US-PGPUB	OR	ON	2006/04/24 15:16
L7	206	257/e29.255,e51.005,e51.04.ccls.	US-PGPUB	OR	ON	2006/04/24 15:17
L8	2506	438/20,105,142,503,778.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 15:19
L9	36	(7 8) and nano\$7 and (self\$align\$3 or (self adj2 align\$3) or selfassemb\$4 or (self adj2 assemb\$4)) and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 15:24
S1	32	"6239355"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 12:43
S2	31	S1 and nano\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:51
S3	19	S2 and (vapor\$5 or evapor\$4) and (plasma or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:51
S4	19	S2 and (vapor\$5 or evapor\$6) and (plasma or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:52
S5	18	S4 and oxid\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:53
S6	6	S5 and (chamber or vessel)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:56

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S7	1048	nano\$ and (chamber or vessel) and plasma and (vapor\$5 or evapor\$5) and (selfassembl\$4 or (self adj assembl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 17:08
S9	991	(S7 not S6) and (wafer or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 17:06
S11	30	S9 and (plasma with \$3vapor\$5 with nano\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 17:08
S12	15	S11 and (nano\$ with (selfassembl\$4 or (self adj assembl\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 17:09
S13	8	S12 and (@ad<"20021202" or @rlad<"20021202")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 17:26
S14	13	(S11 not S13) and (@ad<"20021202" or @rlad<"20021202")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 18:32
S21	79	(substrate and well and anode and cathode and gate).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:16
S22	10	S21 and ((conductivity near2 type) with anode with cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:24
S23	4	S22 and (spacer or sidewall or (side adj wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:17
S27	0	"2040146560"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:41
S28	3	"2004/0146560"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:45
S29	3	10/656911	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 19:45
S30	1	10/723842	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 20:39

EAST Search History

S31	181	257/e51.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 14:13
S34	4913	B82\$/\$.IPC.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 12:44
S35	2	B82B1/00.IPC.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 12:45
S36	5	B82B3/00.IPC.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 12:58
S37	10	(S31 S34) and (self\$align\$3 or (self adj2 align\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 15:18
S38	224	"264"/\$.ccls. and (selfalign\$3 or (self adj2 align\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 12:59
S39	59	S38 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 12:59
S40	16	S39 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/24 12:59

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	dot with oxidize\$2 with (energy bandgap (band near gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:14
S2	37	dot with oxid\$6 with (energy bandgap (band near gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:14
S3	13	S2 and (@ad<"20020212" @rlad<"20020212")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:24
S4	0	(quantumn near dot) with oxidize\$2 with (energy bandgap (band near gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:14
S5	15	(quantum near2 dot) with oxid\$6 with (energy bandgap (band near gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:15
S6	12	S5 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:23
S7	825802	(light near emitting) LED	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:24
S8	3520	quantum near dot	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:24
S9	1420	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:24
S10	816	S9 and (@ad<"20020212" @rlad<"20020212")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:25
S11	440	(multi multiple plurality plural) near5 quantum near dot	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:25
S12	196	S7 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:25
S13	124	S12 and (@ad<"20020212" @rlad<"20020212")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:54

EAST Search History

S15	7	S2 and @rlad<"20020212"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:55
S17	12	(US-6635494-\$ or US-6605772-\$ or US-6573527-\$ or US-6541788-\$ or US-6444896-\$ or US-6424004-\$ or US-6375737-\$ or US-6329668-\$ or US-6319738-\$ or US-6177684-\$ or US-5293050-\$).did. or (JP-11354839-\$).did.	USPAT; JPO	OR	ON	2005/10/21 15:59
S18	11	S17 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/21 15:59
S19	12	(US-6635494-\$ or US-6605772-\$ or US-6573527-\$ or US-6541788-\$ or US-6444896-\$ or US-6424004-\$ or US-6375737-\$ or US-6329668-\$ or US-6319738-\$ or US-6177684-\$ or US-5293050-\$).did. or (JP-11354839-\$).did.	USPAT; JPO	OR	ON	2005/10/24 12:07
S20	1359	(matrix adj material) and nano\$ and (plasma or vapor\$)	USPAT; JPO	OR	ON	2005/10/24 12:08
S21	680	S20 and energy and oxid\$6	USPAT; JPO	OR	ON	2005/10/24 12:08
S22	59	S21 and (selfassemb\$4 or (self adj (\$3assembl\$4 or format\$4 or \$3arrang\$5 or layout \$3distribut\$3)))	USPAT; JPO	OR	ON	2005/10/24 13:56
S23	46	S22 and (chamber or vessel\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 14:01
S24	12	S23 and (nanodot or nanoparticle or (nano adj (dot or paticle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 13:41
S25	97	S20 and ((oxidati\$ or oxidiz\$4) near2 (process\$3 or method))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 13:42
S26	8	S23 and ((oxidati\$ or oxidiz\$4) near2 (process\$3 or method))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 13:56
S27	4	S26 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 13:43
S28	152	nano\$ and ((oxidati\$ or oxidiz\$4) near2 (process\$3 or method)) and (selfassemb\$4 or (self adj (\$3assembl\$4 or format\$4 or \$3arrang\$5 or layout \$3distribut\$3)))	USPAT; JPO	OR	ON	2005/10/24 13:57
S29	144	S28 not (S19 S24 S26)	USPAT; JPO	OR	ON	2005/10/24 13:58
S30	67	S29 and (matrix and energy)	USPAT; JPO	OR	ON	2005/10/24 14:01
S32	36	S30 and (chamber or vessel\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 14:01
S33	34	S32 and (plasma or vapor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 14:28

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S34	27	S33 and (monolayer or (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 14:56
S35	2	S34 and (kcal or mole)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 14:29
S36	7	S33 not (S34 S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/24 15:03
S37	32	"6239355"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:50
S38	31	S37 and nano\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:51
S39	19	S38 and (vapor\$5 or evapor\$4) and (plasma or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:51
S40	19	S38 and (vapor\$5 or evapor\$6) and (plasma or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:52
S41	18	S40 and oxid\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:53
S42	6	S41 and (chamber or vessel)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/13 16:54

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1057	(nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and ((oxygen or oxid\$6) with react\$4) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:51
S2	12	(US-20020123227-\$ or US-20030175210-\$ or US-20040026682-\$ or US-20040036130-\$ or US-20040119064-\$ or US-20040146560-\$ or US-20040168626-\$ or US-20040180203-\$ or US-20050126628-\$).did. or (US-6518194-\$ or US-6794265-\$ or US-6882051-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/19 15:32
S3	887	(S1 not S2) and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:34
S4	3	S3 and ((nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and ((oxygen or oxid\$6) with react\$4) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4))))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:38
S5	773	(S3 not S4) and (matrix or array)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:45
S6	760	S5 and oxid\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:46
S7	103	S6 and (matrix near2 material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:47
S8	21	S7 and (energy with oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:48
S9	2	S8 and (nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:53
S10	19	(S8 not S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 15:54
S11	14	S10 and (chamber or hous\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:11
S12	5	S10 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:14

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S13	6	(S7 not S8) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:25
S14	4	(S7 not S8) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4))).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:25
S15	6	S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:25
S16	866	S3 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:38
S17	47	S16 and (energy near4 oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:40
S18	22	S17 and (energy near2 oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:55
S19	9	S17 and (energy near oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:21
S20	153	(nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and ((oxygen or oxid\$6) near3 energy) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:59
S21	130	S20 not (S2 S8 S19)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 17:59
S22	15	S21 and ((Gibb\$3 or free\$3) near2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:39
S23	115	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:53
S24	72	(nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4))) and (nano\$6 near2 array) and (matrix near2 material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:29
S25	68	S24 not (S2 S8 S19 S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:53

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S26	63	S25 and (energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 18:59
S27	43	(nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (align\$3 or assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4))) and (energy near2 oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:01
S28	17	S27 not (S2 S8 S19 S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:02
S29	25	S17 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:22
S30	13	S18 not S19	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:26
S31	1	(nanodot adj array) and (nanodot adj material) and (energy near2 oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:27
S32	331	(nanostructure or nanomaterial or nanodot or nanocomposite or quantum or nanolayer or (nano adj (structure or material or dot or composite or layer))) and (energy near2 oxid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:28
S33	31	S32 and (selfalign\$3 or selfassembl\$3 or selfarrang\$5 or selfredistribut\$4 or selfdistribut\$4 or (self adj (assembl\$3 or arrang\$5 or redistribut\$4 or distribut\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:31
S34	2	S33 not (S2 S8 S19 S22 S30 S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/19 19:31

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	52	(chamber and (matrix\$3 adj material) and (nanodot or nano-dot or (nano adj dot) or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and substrate and (plasma or vapor\$3 or evapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:12
S2	17	"5113473"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S3	218	(chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S4	32	narayan-jagdish.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S5	4	tiwari-ashutosh.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S6	34	S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S7	1	S6 and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S8	1	"EP 977182"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S9	1	S6 and (chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S10	17	"5113473"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S11	10	"5505996"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S12	2	S2 and (chamber and matrix and (nanostructur\$3 or nanocomposit\$3 or nanomaterial) and substrate and (plasma or vapor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43

EAST Search History

S13	10	S3 and (matrix adj material) and ((nano\$3 or nanostructure or nano-structure or nanocomposit\$3) near2 material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:43
S14	42	S1 not (S2 S6 S7 S8 S9 S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:20
S15	41	S14 and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S16	4	S15 and "Gibb"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:54
S17	26	(S15 not S16) and (method or process) and target	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:55
S20	5	S17 and mole	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 14:59
S21	21	S17 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:09
S22	15	S15 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:10
S24	264	(chamber and matrix\$3 and (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and substrate and (plasma or vapor\$3 or evapor\$3) and energy and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:32
S25	212	S24 not (S1 S2 S6 S7 S8 S9 S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:20
S26	26	S14 and oxygen and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:15
S29	14	S26 and chamber.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 15:23
S30	12	S26 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:26

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S31	212	S25 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:27
S32	169	S31 and oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:27
S33	150	S32 and (monolayer or mono-layer or (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:40
S34	150	S33 and react\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:28
S35	119	S34 and target	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:29
S36	114	S35 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:29
S40	9	S36 and ((free adj energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 16:32
S41	59	S36 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3 or nano-layer.or (nano adj layer) or nanolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:31
S42	59	S41 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structur\$3 or (nano adj structur\$3) or nano-material or (nano adj material) or nano-composit\$3 or (nano adj composit\$3) or nano-layer or (nano adj layer) or nanolayer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:13
S45	31	S41 and ((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structur\$3 or (nano adj structur\$3) or nano-material or (nano adj material) or nano-composit\$3 or (nano adj composit\$3) or nano-layer or (nano adj layer) or nanolayer)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:14
S48	31	S45 and oxygen and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:16
S50	31	S48 and (ablat\$3 or evaporat\$3 or vapor\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:26
S53	28	S42 not S50	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:26

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S54	222	((form\$3 or fabricat\$3 or creat\$3 or manufactur\$3) near2 (nanodot or nano-dot or (nano adj dot) or (quantum adj dot) or quantum-dot or quantumdot or nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3 or nano-layer or (nano adj layer) or nanolayer)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:31
S55	8	S54 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:32
S56	19	(S54 not S55) and (monolayer or mono-layer or (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:57
S57	195	S54 not (S55 S56)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:57
S58	8	S57 and (matrix adj material)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/12 17:58
S59	1	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3 and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and ((free adj energy) with oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:22
S60	4	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and (energy with oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:24
S61	307	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:31
S62	169	S61 and matrix and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:25
S63	103	S62 and oxidat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:25
S64	80	S63 and (substrate and chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:28
S65	73	S64 and (monolayer or mono-layer or (mono adj layer) or monodisper\$3 or mono-disper\$3 or (mono adj disper\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:29

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S66	15	S61 and gibb\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:13
S67	1	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 11:33
S68	72	S65 not S66	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:14
S69	72	S68 and (nickel or platinum or aluminum or magnesium or iron or oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S70	69	S68 and (nickel or platinum or aluminum or magnesium or iron)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S71	61	S70 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:15
S72	2	S71 and (deposit\$3 with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:18
S73	59	(S71 not S72) and (evaporat\$3 or vapor\$3 or vapor\$2t\$3 or ablat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:19
S74	57	S73 and oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:20
S75	57	S74 and react\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:20
S76	55	S75 and apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:22
S77	55	S76 and deposit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:25
S78	8	(US-20040026682-\$ or US-20040036130-\$ or US-20040119064-\$ or US-20040168626-\$ or US-20040146560-\$ or US-20020123227-\$).did. or (US-6794265-\$ or US-6882051-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/13 12:26

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S79	55	S77 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:27
S80	2	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix and gibb\$3 and energy and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:13
S81	3	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix and gibb\$3 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:35
S82	25	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:35
S83	22	S82 not (S59 S60 S67 S66 S72 S77 S78 S79 S80 S81)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:36
S84	4	"6218301"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 12:53
S85	9	("5332691" "5436200" "5976975" "5990007" "6008128" "6030893" "6037263" "6069094" "6107197").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/13 12:56
S86	3	("6218301").URPN.	USPAT	OR	ON	2005/09/13 12:57
S87	2	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and oxidat\$4 and (Gibb\$3 with energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:34
S88	146	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and oxidat\$4 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:36
S89	3	S88 and gibb\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:35
S90	14	(nanodot or nano-dot or (nano adj dot) or quantumdot or quantum-dot or (quantum adj dot)) and (nanostructur\$3 or nanocomposit\$3 or nanomaterial or nano-structure or (nano adj structure) or nano-material or (nano adj material) or nano-composit\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and energy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:37
S91	10	S90 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/13 16:38

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S92	4	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and energy and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 14:22
S93	4	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and (oxidat\$4 or oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 15:37
S94	3	(nanodot or nano-dot or (nano adj dot)) and (nanostructur\$3 or nano-structure or (nano adj structure) or nanoparticle or nano-particle or (nano adj particle) or nano-material or (nano adj material) or nanomaterial or nano-composit\$3 or nanocomposit\$3 or (nano adj composite)) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3) and gibb\$3 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/19 18:29
S95	2	("2004/0146560").URPN.	USPAT	OR	ON	2005/09/19 18:26
S96	18	((("6165555") or ("20020049389") or ("6693790") or ("20010042512") or ("6558736") or ("6015465") or ("5609721") or ("5580822") or ("5420043") or ("2704728") or ("5650361") or ("6376340") or ("4402994") or ("6107197") or ("6218301"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/09/19 18:28
S99	2	S96 and nano\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 11:09
S100	65	substrate and nano\$ and (matrix with oxidati\$3) and (self-assembl\$3 or (self adj assembl\$3) or selfassembl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:36
S101	39	S100 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:37
S102	37	S101 and (energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:29
S103	2	S102 and gibb\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:39
S104	2	S102 and (partial adj oxidation)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:40
S105	2	S102 and (partial adj oxidati\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 12:40
S106	30	S102 and chamber and (evaporat\$3 or vapor\$8 or ablat\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:32

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S10 7	30	S106 and deposit\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:33
S10 8	30	S107 and (nickel or platinum or aluminum or magnesium or iron)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/20 14:36